| Index of Claims  | Application No. | Applicant(s)  |  |  |  |  |  |  |
|--|-----------------|---------------|--|--|--|--|--|--|
|  | 09/576,166      | RINGHOF ET AL |  |  |  |  |  |  |
|  | Examiner        | Art Unit      |  |  |  |  |  |  |
| INDIAN BRAIR JOHAN BANN ISBAR ANNAN ANNA BANNA BANN ABAN | Dustin Nguyen   | 2154          |  |  |  |  |  |  |
|  |                 |               |  |  |  |  |  |  |

| ſ | √ | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|---|----------|---|--------------------------------|---|--------------|---|----------|
|   | = | Allowed  | + | Restricted                     | ı | Interference | 0 | Objected |

| Cla  | aim      |          |  |              | D         | ate        | <b>:</b> |                |                 |  |       | Cla          | aim       |  |                 |                | Da       | ate             |   |  |          |          | Cla          | aim        |  |  |          |                | Date     | •  |                 |                 | _         |
|--|----------|----------|--|--------------|-----------|------------|----------|----------------|-----------------|--|-------|--------------|-----------|--|-----------------|----------------|----------|-----------------|---|--|----------|----------|--------------|------------|--|--|----------|----------------|----------|--|-----------------|-----------------|-----------|
| Final  | Original | 3/14/05  |  | !            |           |            |          |                |                 |  |       | Final        | Original  |  |                 |                |          |                 |   |  |          |          | Final        | Original   |  |  |          |                |          |  |                 |                 |           |
|  | 1        | ٧        |  | †            | T         |            |          |                |                 |  |       |              | 51        |  | I               |                |          |                 |   |  |          |          |              | 101        |  |  |          |                |          | $\Box$   | $\Box$          | $\Box$          | $\Box$    |
|  | 2        | ٧        |  | ]            | $\rfloor$ |            |          |                | ┙               |  |       |              | 52        | Ш                                      |                 | _              | _        | ┸               | _   | $\sqcup$   |          |          |              | 102        |  |  |          | $\Box$         | Ш        | _  | $\dashv$        | 4               | 4         |
|  | · 3      | ٧        |  |              |           |            |          |                | _ ]             |  |       |              | 53        |  | _               | $\perp$        | _        | 4.              | $\perp$   | $\sqcup$   |          |          |              | 103        |  |  |          |                | Ш        | $\dashv$   | -               | _               | 4         |
|  | 4        | ٧        |  | $\perp$      | _         | $\dashv$   |          |                | $\Box$          |  |       |              | 54        | Ш                                      | _               | _              | 4        | $\perp$         | ↓_  | $\sqcup$   |          |          |              | 104        |  |  |          | Щ              | $\Box$   |  | $\dashv$        | $\dashv$        | $\dashv$  |
|  | 5        | V        |  | _            | 4         | _          |          |                |                 |  |       |              | 55        | Ш                                      | 4               | _              |          | 4               | +-  | $\dashv$   |          |          |              | 105        |  |  |          | _              |          |  | $\dashv$        | $\dashv$        | $\dashv$  |
|  | 6        | V        | $\sqcup$   | ┵            | 4         | _          |          |                | _               | _  |       |              | 56        | Ш                                      | 4               | 4              | -        | 4               | +   | $\vdash$   | _        |          |              | 106        |  |  | _        | $\vdash$       | $\vdash$ | $\dashv$   | -+              | $\dashv$        | -         |
| <u> </u>   | 7        | <u> </u> | $\vdash$   | 4            | 4         | _          |          |                | _               | _  |       | <u> </u>     | 57        | $\sqcup$                               | +               |                | -        | +               | +-  | $\vdash$   | _        |          |              | 107<br>108 | -                                      |  | H        | -              |          | $\vdash$   | +               | +               | $\dashv$  |
|  | 8        | ٧.       | ⊢-   | +            | 4         | _          |          | $\dashv$       |                 | _  |       |              | 58        | $\vdash$                               | +               | $\dashv$       | +-       | +               | +-  | +  |          |          | _            | 109        | H                                      | -  | H        |                | -        | $\dashv$   | $\dashv$        | $\dashv$        | ᅱ         |
|  | 9        | ٧.       | Щ.   | +            | +         |            |          |                | $\dashv$        |  |       |              | 59<br>60  | $\vdash$                               | $\dashv$        | -+             | +        | +               | +-  | +  | _        |          |              | 110        | $\vdash$                               |  | -        | $\vdash$       | -        |  | $\dashv$        | +               | ᅥ         |
|  | 10       | ٧        |  | +            | $\dashv$  |            |          | Н              | $\dashv$        | $\dashv$   |       |              | 61        | ┨                                      | -               | $\dashv$       | +        | +               | +   | +  |          |          |              | 111        | -                                      | -  |          | -              | -        |  | $\dashv$        | $\dashv$        | ᅥ         |
| <u> </u>   | 11       | V        | $\vdash \vdash$                                  | +            | +         | $\dashv$   |          | Н              | $\vdash$        | ᅱ  |       |              | 62        | +                                      | $\dashv$        | $\dashv$       | +        | +               | +   | +  |          |          |              | 112        | $\vdash$                               | $\vdash$   |          |                |          | $\vdash$   | $\dashv$        | 十               | ᅱ         |
| -  | 12<br>13 | v        | $\vdash$   | +            | $\dashv$  | $\dashv$   | _        | Н              | $\vdash \dashv$ | $\dashv$   |       |              | 63        | $\vdash \vdash$                        | +               | +              | $\dashv$ | +               | +   | +  |          |          |              | 113        | ┢                                      | $\vdash$   | Г        | Г              |          | П  | 寸               | 寸               | ᅱ         |
| -  | 14       | v        | $\vdash$   | +            | $\dashv$  | $\dashv$   | _        | H              | H               |  |       | $\vdash$     | 64        | $\vdash$                               | $\dashv$        | $^{+}$         | +        | $\top$          | +   | T  |          |          |              | 114        | Ī                                      |  | Г        |                | Г        | П  |                 |                 | $\Box$    |
| <del>                                     </del> | 15       | V        | $\vdash$   | +            | +         | $\dashv$   | _        | Н              | Н               |  |       |              | 65        | $\vdash$                               | $\dashv$        | $\dashv$       | $\neg$   | 1               | $\top$  | $\Box$   |          | 1        |              | 115        |  |  |          | $L_{-}$        |          |  |                 |                 |           |
|  | 16       | v        | $\vdash \vdash$                                  | +            | 寸         | $\dashv$   | _        |                |                 |  |       |              | 66        | П                                      |                 | 寸              | 1        | T               | $\top$  |  |          |          |              | 116        | L                                      |  |          |                |          |  |                 | $\Box$          |           |
|  | 17       | v        | <del>                                     </del> | +            | 7         |            | _        |                | П               | $\neg$   |       |              | 67        | $\sqcap$                               |                 | ヿ              | T        | T               |   |  |          | ]        |              | 117        |  |  |          |                |          |  | $\square$       | $\prod$         |           |
|  | 18       | v        | $\vdash$   | $^{\dagger}$ | 7         |            |          |                | П               | $\Box$   |       |              | 68        |  |                 |                | $\perp$  |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |          |          |              | 118        |  |  |          |                | $\Box$   |  | Щ               | $\dashv$        |           |
|  | 19       | V        | $\sqcap$   | T            |           |            |          |                | П               |  |       |              | 69        | П                                      |                 |                |          | $\top$          |   |  |          |          |              | 119        | L                                      |  | <u>L</u> | 乚              | <u> </u> |  | Ш               | $\dashv$        | _         |
|  | 20       | V        |  | 7            | ╗         |            |          |                |                 |  |       |              | 70        |  |                 |                |          |                 |   |  |          |          |              | 120        |  | L  | ┖        | ╙              | ╙        | _  | Ш               | _               | ᆜ         |
|  | 21       | V        |  | $\top$       | ╛         |            |          |                |                 |  |       |              | 71        |  |                 |                |          |                 | $\perp$   |  | L        |          |              | 121        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>   | _        | <u> </u>       | <u> </u> | _  | $\sqcup$        |                 | ᅴ         |
|  | 22       | v        |  | Т            |           |            |          |                |                 |  |       |              | 72        |  |                 |                | $\perp$  | $\perp$         |   | $\perp$  |          |          |              | 122        | <u> </u>                               | L_   | _        | Ŀ              | <u> </u> | <u> </u>   | $\vdash \dashv$ | $\dashv$        | _         |
|  | 23       | ٧        |  |              |           |            |          |                |                 |  |       |              | 73        | Ш                                      |                 | _              | 4        | $\bot$          | $\perp$   | 1  |          |          |              | 123        | ļ_                                     | _  | <u> </u> | <u> </u>       | ┡        | <u> </u>   | Н               | $\dashv$        | ႕         |
|  | 24       | v        |  | $\Box$       |           |            |          |                |                 |  |       |              | 74        |  | $\Box$          | _              | _        |                 |   | ╀.   | <u> </u> | 1        |              | 124        | 1                                      | <b>├</b>   | ļ        | -              | ┡        | _  | $\vdash$        | $\dashv$        |           |
|  | 25       | v        | $\sqcup$   | _            | _         |            | <u> </u> | L              | Щ               |  |       |              | 75        | $\sqcup$                               |                 | _              | $\dashv$ | 4               |   | <b>↓</b> _   | L        |          | <u> </u>     | 125        | ┢                                      | ├  | ╀        | ├-             | ├-       |  | $\vdash$        | $\dashv$        | $\dashv$  |
|  | 26       | V        |  | 4            | _         |            | _        | <u> </u>       |                 |  |       |              | 76        | <u> </u>                               |                 | -              | +        | +               |   | ┼  | <u> </u> |          | <u> </u>     | 126        | -                                      | ┝  | ⊢        | <del> </del> — | ╀        | -  | $\vdash$        | ⊣               | $\dashv$  |
|  | 27       | V        | igspace  | 4            |           |            | <u> </u> | <u> </u>       | _               |  |       | <u> </u>     | 77        | $\vdash$                               | $\vdash$        | _              | -        | +               | -   | +  |          | 4        |              | 127<br>128 | ├-                                     | ├  | $\vdash$ | ├              | ╁        | ├─   | $\vdash$        | $\dashv$        | $\dashv$  |
|  | 28       | ٧        | Ш.   | 4            | 4         |            | <u> </u> | ├              | _               |  |       |              | 78        | -                                      | $\vdash$        | -              | +        | +               | -   | +-   | -        |          | <u> </u>     | 129        | -                                      | ⊢  | ⊢        | ╁              | ╁        | <del> </del>                                     | Н               | $\dashv$        | $\dashv$  |
| <u></u>  | 29       | ٧        | -  | 4            | _         |            | L        | ₽              | _               | _  |       | <u> </u>     | 79        | ₽                                      | $\dashv$        | -              | -        | +               | -   | ╁  | ├        | 1        | <del> </del> | 130        | ╁                                      | ┝  | ╁        | 1-             | ┢        | -  | $\vdash$        | $\dashv$        | $\dashv$  |
|  | 30       | ٧        | $\vdash$   | -+           | -         | _          |          | ┝              | ⊢               |  |       | <u> </u>     | 80<br>81  | $\vdash$                               | $\vdash$        | $\dashv$       | +        | ╅               | +   | +  | $\vdash$ | 1        |              | 131        | ╁╌                                     | ╁  | 1        | ╁              | t        | t –  | Н               | $\dashv$        | $\neg$    |
|  | 31       | ٧        | ╁┼   | -+           | _         | _          |          | ├-             | $\vdash$        |  |       | <del> </del> | 82        | +                                      | $\vdash$        | -              | +        | +               | +   | ╁  | -        | 1::::    |              | 132        | 一                                      | t  | 1        | 1              | ╁        | <del>                                     </del> | $\vdash$        | $\vdash$        |           |
| <u> </u>   | 32       | V        | -  | +            | $\dashv$  | $\vdash$   | -        | ┼              | $\vdash$        | $\vdash$   |       |              | 83        | +                                      | $\vdash$        | -              | $\dashv$ | $\dashv$        | +   | +  | H        | 1        | <b>—</b>     | 133        | t                                      | 1-   | +        | +              | T        | $\vdash$   | $\vdash$        |                 | $\Box$    |
| <u> </u>   | 34       | V        | ╂-┼  | +            | -         |            | $\vdash$ | $\vdash$       | $\vdash$        | <del>                                     </del> |       | $\vdash$     | 84        | +                                      | $\vdash \vdash$ | $\dashv$       | +        | +               | +   | +  | Н        | 1        | $\vdash$     | 134        | t                                      | <del>                                     </del> | T        | $\vdash$       | $\vdash$ | 1  | $\vdash$        | $\sqcap$        | $\Box$    |
|  | 35       | V        | <del>                                     </del> | $\dashv$     | -         | $\vdash$   | -        | 1              | $\vdash$        | $\vdash$   |       | $\vdash$     | 85        | †-                                     | Н               | $\dashv$       | 十        | 十               | $\top$  |  | Т        | 1        |              | 135        | T                                      | T  | T        | 1              | $\Box$   | 1  |                 | $\Box$          |           |
| -  | 36       | V        | ╁┼┼  | +            | ᅥ         | $\vdash$   | ┢        | ┼-             | $\vdash$        | 一  |       | <b>—</b>     | 86        | T                                      | H               | T              | +        | 十               | $\top$  |  | Г        | 1::::    |              | 136        | 1                                      | Γ  |          |                |          |  |                 |                 |           |
|  | 37       | V        | ++   | $\dagger$    | $\dashv$  |            |          | $\vdash$       | t               | Ι  |       |              | 87        | T                                      | П               |                | $\top$   | $\neg \uparrow$ | 1   | 1  | Π        | 1        |              | 137        |  | L  |          |                |          |  |                 |                 |           |
|  | 38       | v        | + +  | ✝            |           | $\vdash$   | _        | T              | T               | _  |       |              | 88        |  | П               | Ħ              | $\neg$   | $\dashv$        | $\top$  |  |          | ]        |              | 138        |  |  |          |                |          | $\Box$   |                 | ┙               |           |
|  | 39       | Ť        | † †  | 7            |           |            |          | T              | Г               |  |       |              | 89        | 1                                      |                 |                |          |                 |   | $oldsymbol{ol}}}}}}}}}}}}}}$ |          | ]        |              | 139        |  |  |          |                |          |  |                 | oxdot           | $\square$ |
|  | 40       | T        | TT   | T            |           |            |          |                |                 |  |       |              | 90        |  |                 |                |          | $\Box$          |   |  |          |          |              | 140        |  | $\Box$   | Ĺ        | ļ              | $\perp$  |  | $\sqcup$        | $\sqcup$        | $\sqcup$  |
|  | 41       | 1        |  | _            |           |            |          | L              | L               |  |       |              | 91        |  |                 |                |          |                 |   | L  |          | <u> </u> |              | 141        |  | 1  | 1_       | _              | 1_       | 1_   | Ш               | Ш               | <u> </u>  |
|  | 42       | L        |  |              |           |            |          |                |                 |  |       |              | 92        |  | Ш               | $\Box$         |          | $\perp$         | L   | $\perp$  | L        | 1        | <u> </u>     | 142        | 1                                      | ↓_   | $\bot$   | $\perp$        | ↓_       | $\vdash$   | ╙               | $\sqcup$        | $\vdash$  |
|  | 43       |          | $oxed{\Box}$                                     | $\perp$      |           | 匚          |          | Ĺ              | <u> </u>        |  |       |              | 93        | 丄                                      | Щ               | Щ              | _        | 4               | 4   | _  | ┞-       | 4        | <u> </u>     | 143        |  | ╄-   | +        | -              | +        | $\vdash$   | ₩               | $\vdash \vdash$ | $\vdash$  |
|  | 44       |          | $\sqcup \bot$                                    | _            |           | Ĺ          | L        | $oxed{}$       | _               | <u> </u>   |       | <u> </u>     | 94        | 1                                      | Щ               | $\sqcup$       | $\dashv$ | $\bot$          | _   | $\bot$   | ┡        | 4        | <b> </b> —   | 144        | +                                      | ₩  | $\vdash$ | ╀              | +        | +-   | ₩               | $\vdash \vdash$ | <u> </u>  |
|  | 45       |          | $\sqcup$   | _            |           | <u> </u>   | $\perp$  | $\perp$        | <u> </u>        | <u>L</u>   |       | <u> </u>     | 95        | igaplus                                | Щ               | Щ              | $\dashv$ |                 | $\perp$   | +  | 1_       | 4        | <u> </u>     | 145        |  | +-   | +        | $\vdash$       | +        | +-   | ⊣               | $\vdash$        | $\vdash$  |
|  | 46       | <u> </u> | $\sqcup \bot$                                    | 4            |           | ᆫ          | $\vdash$ | <del> </del> _ | ╙               | ļ  |       | <u></u>      | 96        | $\bot$                                 | L               | Щ              | $\dashv$ | -+              |   | +-   | ⊢        | -        | <u> </u>     | 146        |  | +  | +-       | +-             | +        | +  | ₩               | H               | ⊢         |
| _  | 47       | 4_       | 4-4-   | 4            |           | <u> </u>   | <u> </u> | $\vdash$       | ╙               | ⊢  |       | <b> </b>     | 97        | -                                      | $\vdash$        | $\vdash$       | -+       | $\dashv$        | +   | +  | ╀        | -        | <u> </u>     | 147        |  | ╀╌   | +-       | +              | +        | ╁  | ╁╌              | $\vdash$        | ├-        |
| <u></u>  | 48       | -        | +  | 4            |           | -          | <u> </u> | +-             |                 | ├—   |       | <u> </u>     | 98        |  |                 | Н              |          | +               | +   | +  | ⊢        | -        |              | 148<br>149 | +                                      | ╁  | +        | +              | +        | +  | ⊢               | $\vdash$        | $\vdash$  |
| <u> </u>   | 49       | ╀        | ++   | 4            | _         | <b>├</b> — | <u> </u> | ╁              | +-              | ⊢  | 1     | <b>-</b>     | 99<br>100 |  | $\vdash$        | $\vdash\vdash$ | -        | $\dashv$        | +   | +  | $\vdash$ | -        |              | 150        | ╁                                      | ╁  | +        | +              | +        | +-   | $\vdash$        | Н               | -         |
| 1  | 50       |          | $\perp$  | _1           |           | <u> 1</u>  | 丄        | <u> </u>       | 1               | <u> </u>   | J:-!- | :            | 1100      | ــــــــــــــــــــــــــــــــــــــ | Ш               | ட              |          |                 | L_  | l  | <u></u>  | J::::    | ـــــا:      | 1 100      | _                                      |  |          |                |          | 1  | Щ               | Щ               | Щ_        |